APPENDIX A

```
        /*a1*/          ...
        /*a2*/          #pragma asm
   5    /*a3*/          push #00h
        /*a4*/          push #01h
        /*a5*/          #pragma endasm
        /*a6*/          ...
        /*a7*/          ...
  10    /*a8*/          if (test = TRUE) {
        /*a9*/                  #pragma asm
        /*a10*/                 push #00h
        /*a11*/                 push #02h
        /*a12*/                 #pragma endasm
  15    /*a13*/                 ...
        /*a14*/                 ...
        /*a15*/                 #pragma asm
        /*a16*/                 pop A
        /*a17*/                 XRL A,#02h
  20    /*a18*/                 JNZ anomaly
        /*a19*/                 pop A
        /*a20*/                 XRL A,#00h
        /*a21*/                 JNZ anomaly
        /*a22*/                 #pragma endasm
  25    /*a23*/          }
        /*a24*/          ...
        /*a25*/          ...
        /*a26*/          #pragma asm
        /*a27*/          pop A
  30    /*a28*/          XRL A,#01h
        /*a29*/          JNZ anomaly
        /*a30*/          pop A
        /*a31*/          XRL A,#00h
        /*a32*/          JNZ anomaly
  35    /*a33*/          #pragma endasm
```